The Sine Ratio **Date:** _____

For any right angled triangle, the Sine ratio is

sine A = opposite side length
hypotenuse side length

$$SinA = \frac{opp}{hyp}$$

Using Your Calculator:

EX: **Find the sine ratio rounded to four decimal places.**

a) $\sin 22^0$ **b)** $\sin 75^0$

EX: **Find the angle to the nearest degree.**

a) **sin A = 0.8913** **b)** $\sin\theta$ **= 0.9146**

EX: **The string flying a kite is 20m long. The person flying the kite estimates that the angle between the string and the ground is** 75^0 **. Find the height of the kite to the ground.**

EX: **Solve ABC.**